

Message Text

UNCLASSIFIED

PAGE 01 STATE 067333

17

ORIGIN OFA-01

INFO OCT-01 EA-10 ISO-00 PM-03 OES-05 COME-00 DODE-00

NSF-02 INT-05 CIAE-00 INR-07 NSAE-00 EB-07 L-02 /043 R

DRAFTED BY OES/OFA/MSO:LBBROWN:MJB

APPROVED BY OES/OFA/MSO:HSANDERSEN

EA/IMS - MR. INGRAHAM (SUB)

EA/PHL - MR. HULEN (SUB)

----- 096530

R 252101Z MAR 75

FM SECSTATE WASHDC

TO AMEMBASSY KUALA LUMPUR

AMEMBASSY MANILA

INFO AMEMBASSY JAKARTA

UNCLAS STATE 067333

E.O. 11652: N/A

TAGS: OCLR, TBIO, MY

SUBJECT:R/V ALPHA HELIX, RESEARCH CRUISE OF 15 APRIL -
30 JUNE 1975

1. BEGIN SUMMARY: THE RESEARCH VESSEL R/V ALPHA HELIX IS CURRENTLY SCHEDULED TO DEPART FROM AMBON ISLAND, INDONESIA, ON 15 APRIL TO CONTINUE ITS PRESENT MARINE BIOLOGICAL RESEARCH PROGRAM ALONG A TRACK LINE TO SANDAKAN, SABAH; AMBON ISLAND; SANDAKAN; AND MANILA. THIS RESEARCH PROGRAM WILL STUDY THE GENERATION AND DETECTION OF LIGHT BY DEEP-SEA AND NOCTURNAL ANIMALS. THIS WILL INVOLVE LIMITED SAMPLING OF LUMINESCENT FISHES AND OTHER MARINE ORGANISMS IN WATERS OF INDONESIA, MALAYSIA, AND THE PHILIPPINES. COPIES OF ALL DATA AND SCIENTIFIC RESULTS WILL BE MADE AVAILABLE TO THESE THREE GOVERNMENTS. CLEARANCE HAS BEEN RECEIVED FROM GOI FOR WORK IN INDONESIAN WATERS. EMBASSIES IN KUALA LUMPUR AND MANILA ARE REQUESTED TO (1) SEEK CLEARANCE FROM HOST GOVERNMENTS FOR
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 067333

THOSE PORTIONS OF PROJECT TO BE UNDERTAKEN IN GOM AND GOP

WATERS AND (2) TO ADVISE DEPT. IF THERE ARE ANY SECURITY PROBLEMS IN THESE AREAS WHICH VESSEL SHOULD BE MADE AWARE OF. END SUMMARY.

2. R/V ALPHA HELIX IS PRIVATE RESEARCH VESSEL OWNED AND

OPERATED BY SCRIPPS INSTITUTION OF OCEANOGRAPHY OF UNIVERSITY OF CALIFORNIA, LA JOLLA, CALIFORNIA. GENERAL CHARACTERISTICS OF VESSEL ARE AS FOLLOWS: LENGTH OVERALL, 133 FT; BEAM 31 FT; DRAFT (MEAN) 11 FT; DISPLACEMENT, 512 TONS; AND PROPULSION, SINGLE-SCREW DIESEL, 820 HP. VESSEL'S CALL SIGN IS KLFK. WHILE UNDERWAY, VESSEL MONITORS 2182 KHZ AND VHF CHANNEL 16. VESSEL ALSO HAS SSB AND CW CAPABILITIES BETWEEN 2 KHZ AND 22 KHZ. SHIP'S MASTER IS WAYNE E. BRISTOL AND REMAINDER OF CREW NUMBERS ELEVEN. CHIEF SCIENTIST IS DR. JAMES CASE OF UNIVERSITY OF CALIFORNIA, SANTA BARBARA. SCIENTIFIC PARTY NUMBERS TWELVE AND INCLUDES ONE SCIENTIST FROM MALAYSIA: JOHN GREEN, SCHOOL OF BIOLOGICAL SCIENCES, UNIVERSITY OF MALAYSIA, KUALA LUMPUR.

3. FOR MANILA: ACCOMMODATIONS FOR SCIENTIFIC PARTY ABOARD VESSEL ARE NOW FILLED. IF GOP EXPRESSES INTEREST IN HAVING PHILIPPINE SCIENTIST JOIN VESSEL IN SANDAKAN FOR LAST LEG, PLEASE OFFER TO RELAY REQUEST TO DEPT WITH ASSURANCE THAT WE WILL IN TURN ASK SCRIPPS IF THIS CAN BE ARRANGED.

4. ALPHA HELIX PLANNED ITINERARY IS AS FOLLOWS:

ARRIVE	LOCATION	DEPART
XXX	AMBON ISLAND	15 APRIL
25 APRIL	SANDAKAN	29 APRIL
15 MAY	AMBON ISLAND	30 MAY
2 JUNE	SANDAKAN	4 JUNE
22 JUNE	MANILA	XXX

ON FIRST LEG VESSEL WILL INITIALLY ENTER MALAYSIAN WATERS JUST WEST OF SIBUTU ISLAND (APP. 4 DEG. 35 MIN. N. 119 DEG. UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 067333

3 MIN. E.) ON 24 APRIL. ON LAST LEG VESSEL WILL PROCEED IN APP. STRAIGHT SEGMENTS FROM SANDAKAN TO (1) 6 DEG. 35 MIN. N. 120 DEG. 20 MIN. E. TO (2) 7 DEG. 32 MIN. N, 121 DEG. 8 MIN. E. TO (3) 8 DEG. 8 MIN. N, 121 DEG. 45 MIN. E. TO (4) 9 DEG- 37 MIN. N, 121 DEG. 52 MIN. E- TO (5) MANILA VIA MINDORO STRAITS. ON THIS LEG APPROXIMATELY TWELVE MID-WATER TRAWLS WILL BE MADE TO COLLECT DEEP-WATER LUMINESCENT ORGANISMS. DURING PORT CALLS AT

SANDAKAN SCIENTISTS FROM VESSEL PLAN TO COLLECT SAMPLES OF TERRESTRIAL ORGANISMS AT FORREST RESEARCH STATION. SCIENTISTS HAVE BEEN IN CONTACT WITH A MR. DE SILVA AT THE STATION TO MAKE ARRANGEMENTS FOR THIS LAND WORK.

5. THE ALPHA HELIX SCIENTIFIC PROGRAM WILL INCLUDE STUDIES

OF FOLLOWING TOPICS: (A) UTILIZATION OF SYMBIOTIC BACTERIAL LUMINESCENCE AND EXOGENOUS LUCIFERINS; (B) ORGANIZATION AND CONTROL OF LIGHT ORGANS NOT INVOLVING BACTERIAL LIGHT SOURCES; (C) BEHAVIORAL ASPECTS OF BIO-LUMINESCENCE; AND (D) VISUAL PHYSIOLOGY.

6. FOR KUALA LUMPUR: IF YOU EXPECT THAT, BECAUSE OF INADEQUATE LEAD TIME OR OTHER REASONS, GOM WILL NOT GRANT RESEARCH CLEARANCE, PLEASE ADVISE DEPT. SOONEST IN ORDER THAT SCRIPPS CAN CONSIDER MODIFICATION OF RESEARCH PLANS.

7. MORE COMPLETE DESCRIPTION OF VESSEL'S PLANNED SCIENTIFIC PROGRAM FOLLOWS VIA POUCH. KISSINGER

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: BIOLOGY, RESEARCH, ALPHA HELIX, SCIENTIFIC VISITS
Control Number: n/a
Copy: SINGLE
Draft Date: 25 MAR 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STATE067333
Document Source: CORE
Document Unique ID: 00
Drafter: LBBROWN:MJB
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750105-0302
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750317/aaaaaouh.tel
Line Count: 135
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN OFA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: hartledg
Review Comment: n/a
Review Content Flags:
Review Date: 19 JUN 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <19 JUN 2003 by maginmm>; APPROVED <01 MAR 2004 by hartledg>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
05 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: /V ALPHA HELIX, RESEARCH CRUISE OF 15 APRIL - 30 JUNE 1975
TAGS: OCLR, TBIO, MY
To: KUALA LUMPUR MANILA
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006